accessing, by the at least one member, a map including at least one static obstacle;

updating, by the at least one member, the map with the proposed route forming a route map;

updating, by the at least one member, the proposed route based at least upon the at least one static obstacle;

continuously gathering, by the at least one member, real time data associated with the updated proposed route as the utility execution system navigates the updated proposed route;

continuously updating, by the at least one member, the proposed route based at least upon the real time data;

continuously updating, when there are changes, by the at least one member, the route map with the real time data and the updated proposed route as the utility execution system navigates the updated proposed route;

deducing, by the at least one member, at least one characteristic of at least one dynamic object based at least on the updated route map; and

providing, by the at least one member, the updated route map and the deduced at least one characteristic to the utility execution system.

45. The method as in claim 44 further comprising continuously updating the route map with fiducial data.

46. The method as in claim 45 further comprising localizing the at least one member based as least on the fiducial data.

47. The method as in claim 45 wherein the fiducial data comprises fiducial marker locations.

48. The method as in claim 44 further comprising continuously updating the route map with traffic light and pedestrian information.

49. The method as in claim 44 further comprising continuously updating the updated route map with crowdsourced information.

50. The method as in claim 44 further comprising continuously updating the updated route map with information derived from surface coatings.

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